
Town of East Hartford

Capital Improvements

Public Safety Communications, Public Works, Fire
Fiscal Year 2015 – 2016



Chief Scott M. Sansom



Director Tim Bockus



Chief John Oates

Overview

- **Critical need to replace aging and obsolete equipment and apparatus in:**
 - **911 Communications**
 - **Public Works**
 - **Fire Department**
- **All needs addressed within this program are supported by the individual department's long and short-term capital plan(s).**

Emergency Telecommunications (911)

Town of East Hartford

Current Dispatch Console



- Current console was constructed by Motorola, is outdated, and no longer supported by the manufacturer.
- It controls all Town radio assets, regional police and fire radios, Sally Port doors and some entry way doors via relays and switches. The computer workstations are beyond their useful life.

Town of East Hartford

Current Dispatch Console

- **The dispatcher's workstations can only be accessed at the Public Safety Complex. An evacuation due to fire, disaster, or other emergency would limit our operating ability.**
- **Components in the Central Electronics Bank (the heart of the system) are no longer available through Motorola.**
- **Constructed in 1998 and has been in constant use**

Town of East Hartford Proposed Console



System Cost \$541,377

Town of East Hartford Capital
Presentation 2015-16

Town of East Hartford

Proposed Console

- **Constructed by Motorola and enables use from seven dispatch positions (seats).**
- **Uses today's industry standard technology and is 'future proof'.**
- **Has redundancy built in for seamless operation should any component fail.**
- **Has a significantly smaller footprint.**
- **System can be expanded up to 5 different locations with a maximum of 20 positions at each location.**

Town of East Hartford

Proposed Console

- **If relocation is needed, due to fire or disaster the dispatcher can access all features through our network.**
- **The console can be linked to the CT State Police system.**
- **Is compatible with all current radios systems (Police, Fire and Public Works).**

Public Works

Automated waste truck



Automated waste truck



Repair to Floor of Waste Truck Body



Rotted Floor of Waste Truck Cab

Dump trucks



Availability for public safety

Cab Burned in
Electrical Fire



Plowing Ahead of
Emergency Vehicles

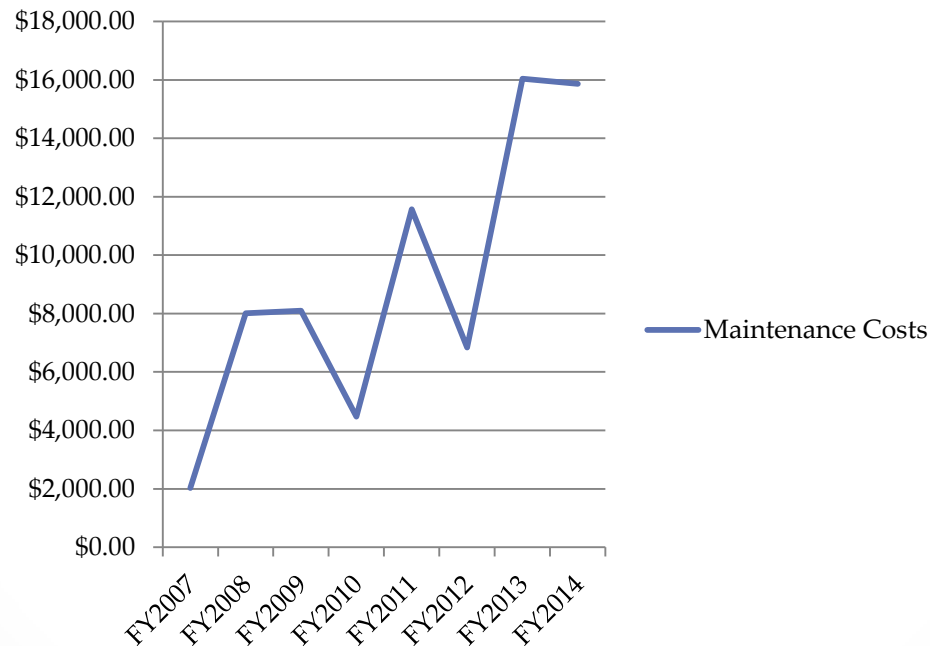


Aging Equipment

Vehicle Type	Average Age	Most Common Age	APWA Recommended
Dump Truck	11 yrs.	14 yrs.	10 yrs.
Bulk Truck	16 yrs.	16 yrs.	8 yrs.
Side Loader	7 yrs.	6 yrs.	6 yrs.
Rear Loader	13 yrs.	Various	8 yrs.
Front Loader	2 yrs.	2 yrs.	8 yrs.
Rolloff	9 yrs.	one 3 yrs. one 15 yrs.	8 yrs.

Maintenance costs

All 10 Wheel Dump Trucks



Maintenance costs of 10 wheel dump trucks have increased 30% over the last 4 years. Two of these trucks are beyond their useful life expectancy.

Fire Department

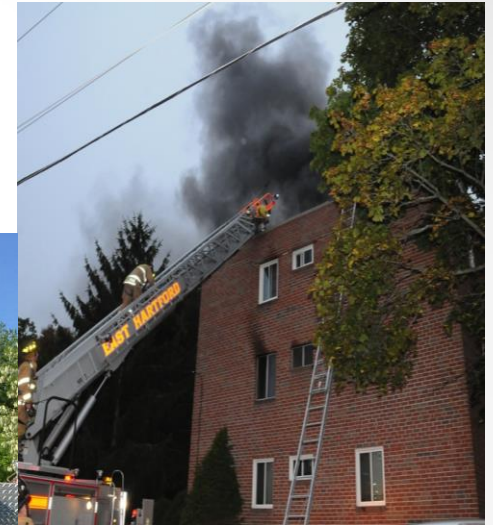
Engine 1

- Located at Station 1, 740 Main Street
- Responds to the central core of the community
- Manufactured in 2005
- 81,538 Miles
- 9,967 hours
- Considerable Reliability issues
- Repairs have ranged from major engine and transmission repairs to replacement of fuel tank
- Significant paint defects.
- Three year cost of parts:
\$36,729.00



Ladder 2

- Located at Station 5, 141 Brewer Street.
- Responsible for southern portion of the community including Pratt & Whitney and the Goodwin College neighborhood.
- Constructed in 2000
- 86,764 Miles
- 5,266 Hours
- Three year cost of parts: \$26,305



Squad 1



- Located at Station 1, 740 Main Street
- Responds Town-wide
- Constructed in 2003
- 105,034 Miles
- 9,860 Hours
- Three year cost of parts: \$27,085



Summary